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Timothy Brandenburg
Drilling Manager

Division of Water Quality
Wastewater Discharge Program
Union Oil Company of California
3800 Centerpoint Drive
Suite 100
Anchorage, AK 99503
Tel 907 263 7657
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Email brandenburgt@chevron.com

October 18, 2011

Mr. Chae Park
U.S. Environmental Protection Agency
Region 10, Water Compliance Section
1200 Sixth Avenue, OW-133
Seattle, WA 98101

RETURN RECEIPT REQUESTED - CERTIFIED MAIL 91 7108 2133 3938 6048 6477

Re: NPDES Permit No. AKG-31-5002
Trading Bay Production Facility September 2011 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California ("Union") operates the Trading Bay Production Facility that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5002. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the September 2011 NPDES Discharge Monitoring Reports (DMRs) for the Trading Bay Production Facility.

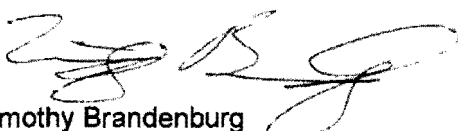
Please take note that Union is using the forms provided by EPA with corrections to accommodate the reporting that is required by the permit. The corrections were approved by your Data Steward in an e-mail to Marilu Moreno-Jones dated September 3, 2010. Union plans to use this same format for future DMR submittals.

Consistent with the authorization in your e-mail of September 16, 2010, this letter certifies all of the 5 pages of DMRs for Trading Bay Production Facility attached to this letter.

If you have any questions, please direct them to Mr. Jeffrey Smith at 907-263-7311 or via e-mail at jeff.smith@chevron.com.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,


Timothy Brandenburg

cc: ADEC / Certified Mail 91 7108 2133 3938 6048 6484

Mr. Chae Park
US Environmental Protection Agency
October 18, 2011
Page 2

bcc: Susan Saupe, CIRCAC
Facility Operations Supervisors
HES 2011 NPDES DMR – TBP File
HES 2011 NPDES DMR – REGIONAL File

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Form Approved

OMB No. 2040-0004

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: UNION OIL COMPANY OF CALIFORNIA (UNOCAL)
ADDRESS: P.O. BOX 196247
 ANCHORAGE, AK 99519-6247
FACILITY: TRADING BAY TREATMENT FACILITY
LOCATION: COOK INLET, Alaska
ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002	015-A
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

MINOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

FROM

MONITORING PERIOD			
MM/DD/YYYY			MM/DD/YYYY
09/01/2011		TO	09/30/2011

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
pH	SAMPLE MEASUREMENT	*****	*****	*****	NA	*****	NA	NA	NA	NA	NA
00400 V 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Monthly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	6.9	*****	8.2	SU	0	Weekly	GRAB
00400 W 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
03582 T 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	29 MO AVG	42 DAILY MX	mg/L		Weekly	GRAB
Oil and grease	SAMPLE MEASUREMENT	*****	*****	*****	*****	18	19	mg/L	0	Weekly	COMP24
03582 U 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	29 MO AVG	42 DAILY MX	mg/L		Weekly	COMP24
Flow, in conduit or thru treatment plant*	SAMPLE MEASUREMENT	3.361435	3.440178	Mgal/d	*****	*****	*****	*****	NA	Monthly	ESTIMA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Req. Mon. MO AVG	Req. Mon. DAILY MX	Mgal/d	*****	*****	*****	*****		Monthly	ESTIMA
Produced water, free oil	SAMPLE MEASUREMENT	*****	NA	NA	*****	*****	*****	*****	NA	NA	NA
79834 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. MO TOTAL	occur/mo	*****	*****	*****	*****		Daily	VISUAL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE		DATE	
		(907) 276-7600		10/18/2011	
		AREA Code	NUMBER	MM/DD/YYYY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NO DISCHARGE OF PRODUCED SAND IS ALLOWED

T = GRAB SAMPLE

U = COMPOSIT SAMPLE

V = DISCHARGE < 1 MGD (PREVIOUS MONTHS AVG RATE)

W = DISCHARGE > 1 MGD (PREVIOUS MONTH'S AVG RATE)

*Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.

Total estimated workover fluid flow rate: 0.000045 Mgal/d

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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LOCATION: COOK INLET, Alaska
ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002

PERMIT NUMBER

015-A

DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

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MONITORING PERIOD			
MM/DD/YYYY			MM/DD/YYYY
09/01/2011		TO	09/30/2011

TO

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Nitrogen, ammonia total (as N) 00610 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	mg/L	NA	Quarterly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Silver total recoverable 01079 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	5	5	ug/L	0	Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	23 MO AVG	47 DAILY MX	ug/L		Monthly	GRAB
Silver total recoverable 01079 P 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	23 MO AVG	47 DAILY MX	ug/L		Quarterly	CALCTD
Silver total recoverable 01079 Q 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	23 MO AVG	47 DAILY MX	ug/L		Weekly	GRAB
Zinc, total recoverable 01094 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.03	0.03	mg/L	0	Monthly	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.9 MO AVG	1.9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable 01094 P 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.9 MO AVG	1.9 DAILY MX	mg/L		Monthly	GRAB
Zinc, total recoverable 01094 Q 0 See Comments	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.9 MO AVG	1.9 DAILY MX	mg/L		Quarterly	GRAB

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		(907) 276-7600		10/18/2011	
		AREA Code	NUMBER	MM/DD/YYYY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)

Q=MONT INCREASE (II.G.6.a.2.)

R=ACCELERATED TESTING (III.A.7)

EPA Form 3320-1 (Rev.01/06) Previous editions may be used

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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LOCATION: COOK INLET, Alaska
ATTN: JOHN ZAGER, GENERAL MANAGER

AKG315002

PERMIT NUMBER

015-A

DISCHARGE NUMBER

DMR Mailing ZIP CODE: 99519

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09/01/2011		TO	09/30/2011

TO

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	4	ug/L	0	Monthly	GRAB
01119 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	47	117	ug/L		Monthly	GRAB
Effluent Gross						MO AVG	DAILY MX				
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01119 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	47	117	ug/L		Quarterly	GRAB
See Comments						MO AVG	DAILY MX				
Copper, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
01119 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	47	117	ug/L		Weekly	GRAB
See Comments						MO AVG	DAILY MX				
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	mg/L	0	Monthly	GRAB
11123 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	25	50	mg/L		Monthly	GRAB
Effluent Gross						MO AVG	DAILY MX				
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
11123 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	25	50	mg/L		Quarterly	GRAB
See Comments						MO AVG	DAILY MX				
Manganese, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
11123 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	25	50	mg/L		Weekly	GRAB
See Comments						MO AVG	DAILY MX				
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	7	7	mg/L	0	Monthly	GRAB
39942 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	18	27	mg/L		Monthly	GRAB
Effluent Gross						MO AVG	DAILY MX				

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John Zager, General Manager Mid Continent/Alaska Business Unit		(907) 276-7600		10/18/2011	
TYPED OR PRINTED		AREA Code	NUMBER	MM/DD/YYYY	

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
OR AUTHORIZED AGENT

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

P=MONT. REDUCE (II.G.6.a.1.)
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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
39942 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	18 MO AVG	27 DAILY MX	mg/L		Quarterly	GRAB
See Comments											
Total Aromatic Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
39942 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	18 MO AVG	27 DAILY MX	mg/L		Weekly	GRAB
See Comments											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	7	7	mg/L	0	Monthly	GRAB
50259 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Effluent Gross											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
50259 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Quarterly	GRAB
Effluent Gross											
Total Aqueous Hydrocarbons	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
50259 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	GRAB
Effluent Gross											
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.2	0.2	ug/L	0	Monthly	GRAB
71900 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	0.6 MO AVG	1.0 DAILY MX	ug/L		Monthly	GRAB
Effluent Gross											
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
71900 P 0	PERMIT REQUIREMENT	*****	*****	*****	*****	0.6 MO AVG	1.0 DAILY MX	ug/L		Quarterly	GRAB
See Comments											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER John Zager, General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE		DATE
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AKG315002

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DISCHARGE NUMBER

MONITORING PERIOD

MM/DD/YYYY

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09/01/2011

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DMR Mailing ZIP CODE: 99519

MINOR

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PRODUCED WATER AND SAND

External Outfall

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Mercury, total (as Hg)	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
71900 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	0.6 MO AVG	1.0 DAILY MX	ug/L		Weekly	GRAB
See Comments											
Toxicity, Chronic****	SAMPLE MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	TUc	NA	Semiannual	GRAB
Dendraster excentricus	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG**	568 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments***											
Toxicity, Chronic****	SAMPLE MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	TUc	NA	Annual	GRAB
Menidia beryllina	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG**	568 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments***											
Toxicity, Chronic****	SAMPLE MEASUREMENT	*****	*****	*****	*****	No Sample	No Sample	TUc	NA	Semiannual	GRAB
Mytilus galloprovincialis	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG**	568 DAILY MX**	toxic		See Permit	GRAB
TT000 1 0											
See Comments***											
Toxicity, Chronic	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
TT000 R 0	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG	568 DAILY MX	toxic		See Permit	GRAB
See Comments											
Toxicity, Chronic	SAMPLE MEASUREMENT	*****	*****	*****	*****	NA	NA	NA	NA	NA	NA
TT000 Q 0	PERMIT REQUIREMENT	*****	*****	*****	*****	283 MO AVG	568 DAILY MX	toxic		See Permit	GRAB
See Comments											
Effluent Gross											

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John Zager, General Manager Mid Continent/Alaska Business Unit TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

**Section II.F.4 of the permit.

***Reduced monitoring to two times per year due to compliance as per II.G.6.a.1 of Permit.

P=MONT. REDUCE (II.G.6.a.1.)

Q=MONT INCREASE (II.G.6.a.2.)

R=ACCELERATED TESTING (III.A.7)

****Annual WET testing was conducted at the end of April and beginning of May 2011. Results were reported on the May 2011 DMR. Semiannual WET testing was conducted in August 2011 and results were reported on the August 2011 DMR.